Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Sunday 01 Jan 2023 until 23:59 on Monday 02 Jan 2023

Forecast Issued on Sunday 01 Jan 2023 at 03:33

Confidence: High for a generally unsettled, mild start to the New Year, and for best conditions likely to be on Monday, but lower for details regarding cloud and timing of precipitation

Headline for Sunday 01 Jan 2023: Rather cloudy with showers, turning wintry on summits. Southwesterly winds easing

Mountain weather hazards on Sunday 01 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Fog	Sleet	Sleet	Sleet	Sleet	Cloudy
Precipitation probability					
30%	40%	40%	40%	30%	20%

Forecast for Sunday 01 Jan 2023

Weather:. Then a mix of brief bright intervals and showers, these heavy and perhaps thundery at times and turn increasingly to sleet and snow above about 750m through the afternoon. The showers are expected to become fewer and further between through the evening.

Chance of cloud-free hill tops above 800m: Around 40% in north and east and 25% in south and west

Low cloud and visibility: Occasional or, more especially in south and west, periods of cloud above about 450-600m. Away from cloud visibility generally good or very good falling to several kilometres in heavier showers and perhaps a kilometre in any summit wintriness.

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Forecast for Sunday 01 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	37/44 W	26/32 SW	27/34 SW	29/36 SW	23/28 SW	15/20 SW	14/18 SW
600	33/41 SW	20/26 SW	18/25 SW	25/34 SW	19/26 SW	10/14 SW	11/16 SW
300	11/30 SW	6/21 SW	6/21 SW	9/25 SW	7/18 SW	4/12 SW	4/13 SW
Valley	11/28 W	3/16 SW	4/15 SW	8/21 SW	6/16 SW	3/9 SW	4/13 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	1/-7	1/-7	0/-7	1/-7	0/-6	-0/-6	-0/-6
600	3/-4	2/-3	2/-3	2/-4	2/-3	2/-2	1/-3
300	4/1	5/2	4/2	5/1	4/2	4/2	3/1
Valley	6/3	6/5	6/5	7/4	6/4	6/4	5/4
Freezing Level*	1100m	1000m	1000m	1000m	1000m	900m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 55mph over ridges and summits through the early hours.

Forecast for Monday 02 Jan 2023

Weather: One or two showers through the early hours with lengthening clear spells. Then a bright and dry day with some good spells of sunshine. Remaining dry through the evening with clear spells.

Maximum wind: Westerly gradually backing southerly or southeasterly 15-20mph, increasing 25mph towards midnight.

Chance of cloud-free hill tops above 800m: Around 75% in morning becoming close to 100% in afternoon

Low cloud and visibility: Occasional cloud above about 600m lifting above summits for the afternoon. Otherwise visibility very good.

Temperature: **Valleys:** Close to zero at dawn rising to plus 5 or 6 Celsius by day.
At 800m: Minus 2 or 3 Celsius
Freezing level: Around 600m

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Mountain Weather Forecast

Ground Conditions Supplement
Date: Saturday 31 December. Location: Catstye cam summit at 11:55. Full report:
A dry morning slowly deteriorating into the afternoon with light rain and low cloud enveloping the hills and a light scattering of new snow above 800m. The majority of the Lakeland fells are snow-free, however, small drifts of soft snow are still present above 700m in sheltered spots and hollows, and more notably on north and east-facing slopes above 800m. Slumping cornices are also present around corrie rims in these locations. Swirral and Striding edge are in winter condition and are a mixture of soft snow and rock (albeit more rock than snow). The freezing level is forecast to be around 900m tomorrow with the potential for sleet and summit snow. Anyone heading out into the higher fells should anticipate and be prepared for this. Full winter clothing including spare layers, hats and gloves, a map, compass and headtorch are all essential. Anyone planning steep and exposed routes above the snowline are advised to carry an ice axe and crampons/microspikes. Temperature: plus 1.5 deg C, Maximum wind speed 13.7mph, Wind chill: minus 4.1 deg C, Average wind speed: 8.4mph.

Issued at: 03:33 on Sun 01 Jan 2023

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